

PC-0044 US

Table 1

SEQ ID NO:	Amino Acid Residues	Potential Phosphorylation Sites	Potential Glycosylation Sites	Signature Sequences	Identification	Analytical Methods
1	441	S85 T164 T274 S306 S344 T81 S118 T407 Y312 Y387	N191 N405	M1-A23, I51-V72, G88-P111 C116-A145, I156-L175, M207-P229, G242-T264, E330-K341	Metabotropic glutamate GPCR	BLOCKS, HMM, MOTIFS, PRINTS, SPSCAN
2	353	S158 T255 S86 T120 S151 S243 S246 T251 T317 S325	N13 N16 N23 N58 N84	I42-V66, P78-M99, W109-I149, V159-L180, T209-L232, V254-T278, Y293-R319	Somatostatin-like GPCR	BLAST, BLOCKS, HMM, MOTIFS, PFAM, PRINTS, PROFILESCAN
3	333	T60 T218 S89 S172 T224	N8 N110 N300	Y44-L74, P62-H83, F109-R131, N143-L164, A231-G255, K278-P304	Rhodopsin-like GPCR	BLAST, BLOCKS, HMM, MOTIFS, PFAM, PRINTS
4	396	S36 S187 T251 S27 T323 S389	N7	I46-P70, Y79-I100, L117-F157, R166-S187, S219-F242, L265-L289, S302-K328	Rhodopsin-like GPCR	BLAST, BLOCKS, HMM, MOTIFS, PFAM, PRINTS, PROFILESCAN
5	403	S360 S368 S47 T318 S337 S5 T33 S123 T398	N30 N352	I57-L78, G94-E117, C122-V151, L162-L181, M198-F220, G233-L255	Metabotropic glutamate GPCR	BLOCKS, HMM, MOTIFS, PRINTS
6	807	T129 S155 S172 S201 S322 S347 S409 S662 S787 S794 S117 T166 T271 T402 T583 T587 T618 S771	N88 N110 N127 N281 N392 N424 N443 N505 N647 N785 N798	N425-T452, I475-W499, A549-L572, F636-N647, Q677-G696, H709-W730	Secretin-like GPCR	BLAST, BLOCKS, HMM, MOTIFS, PRINTS